



FIG.1

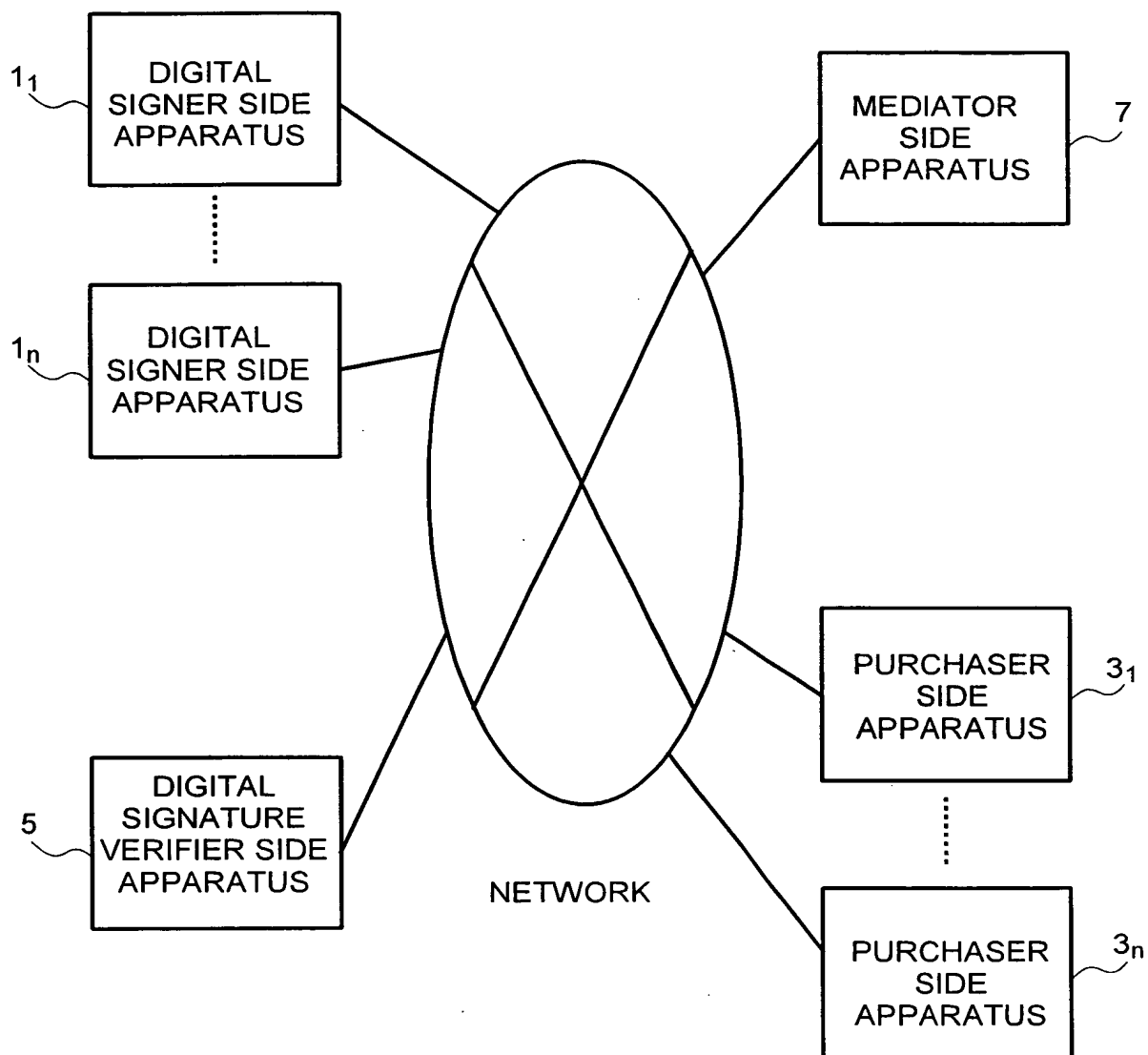




FIG.2

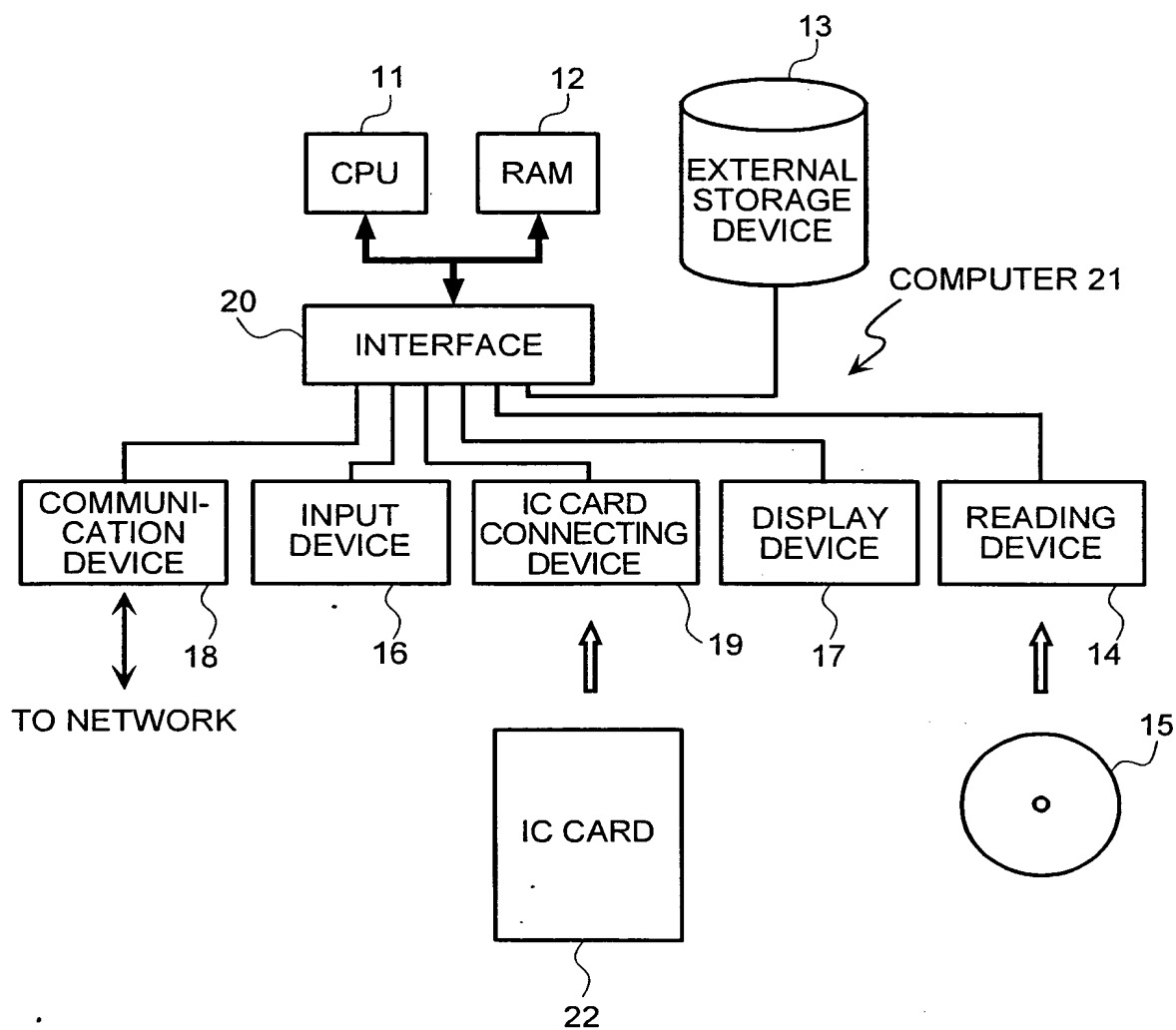


FIG.3

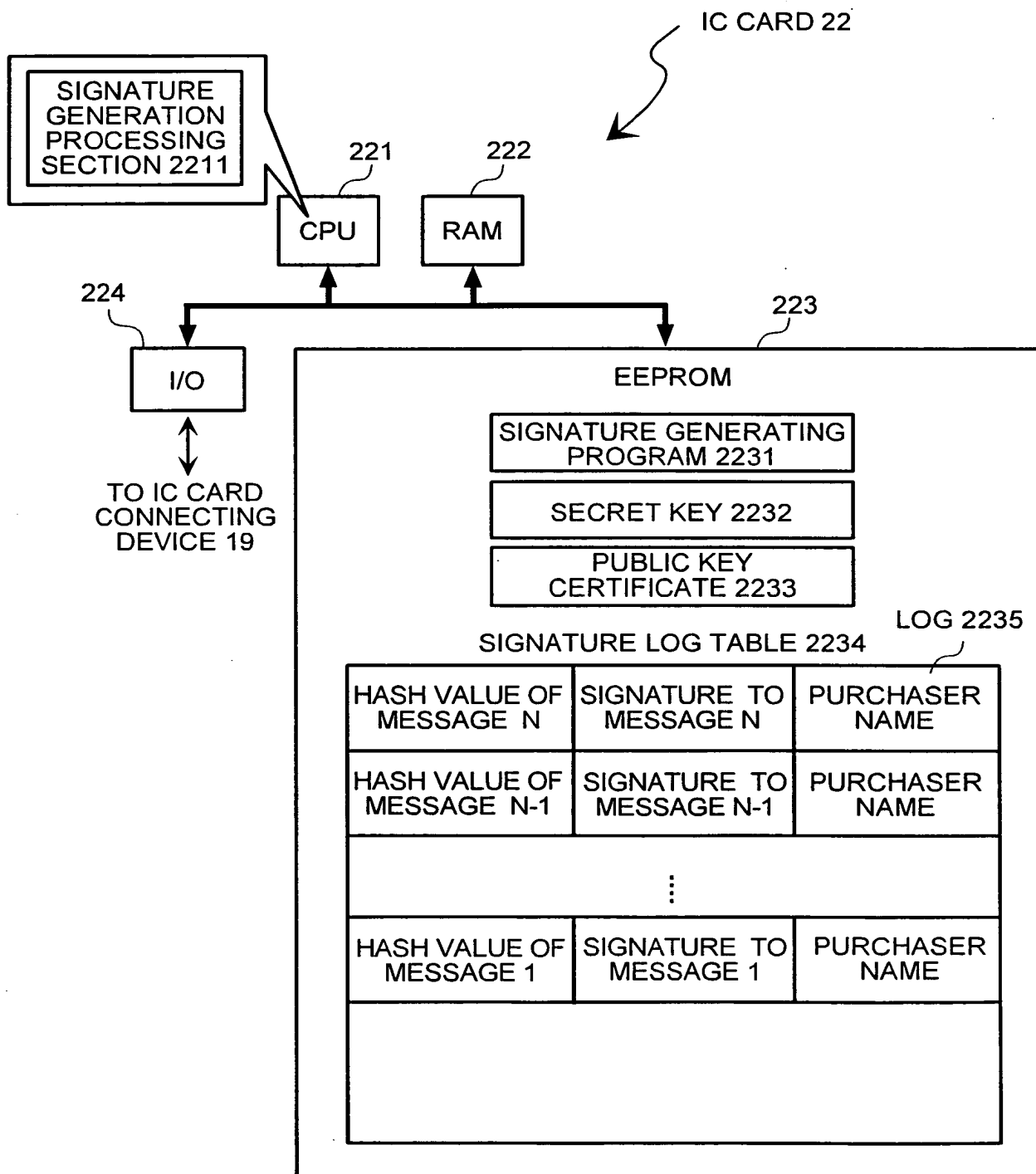


FIG.4

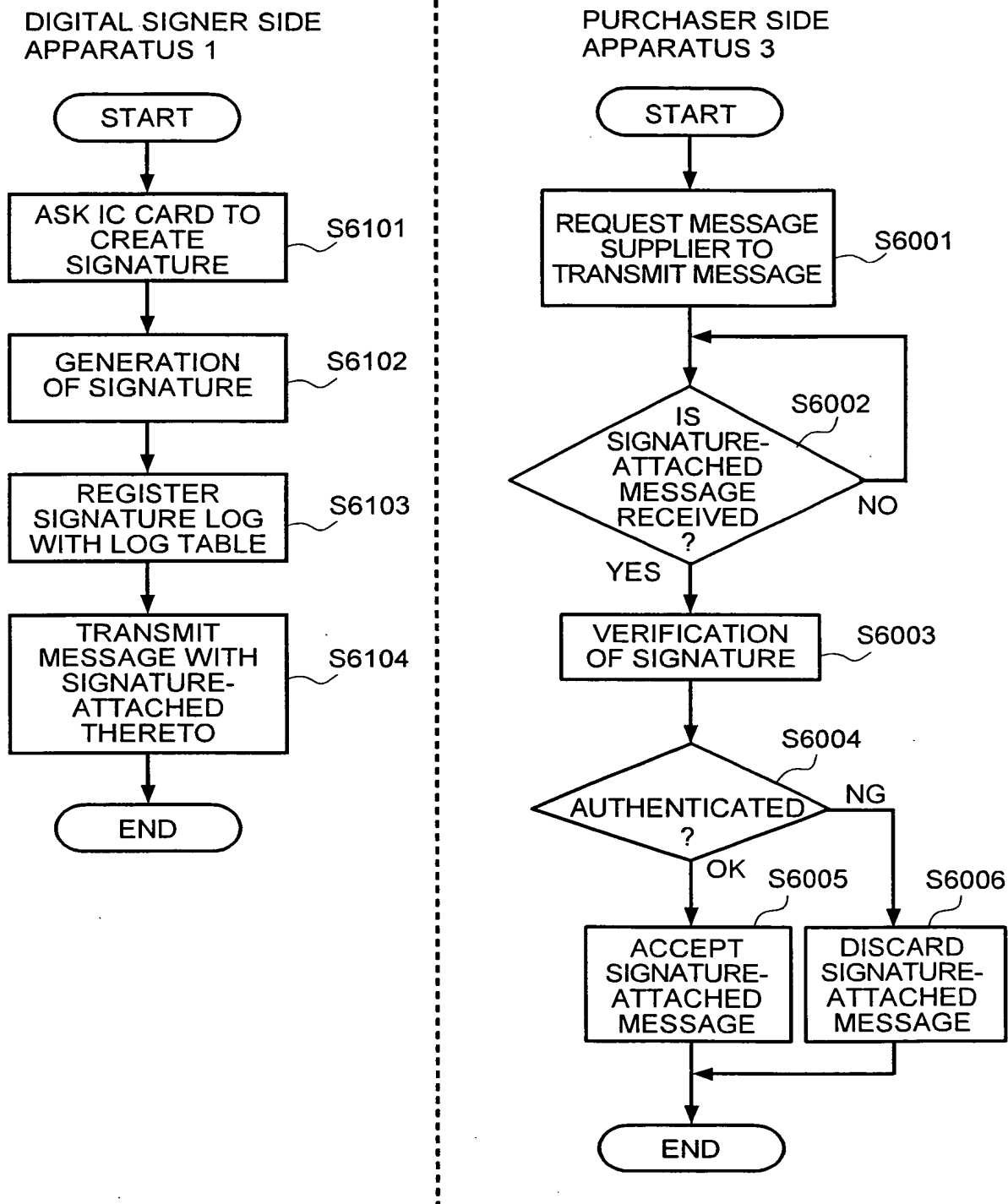


FIG.5

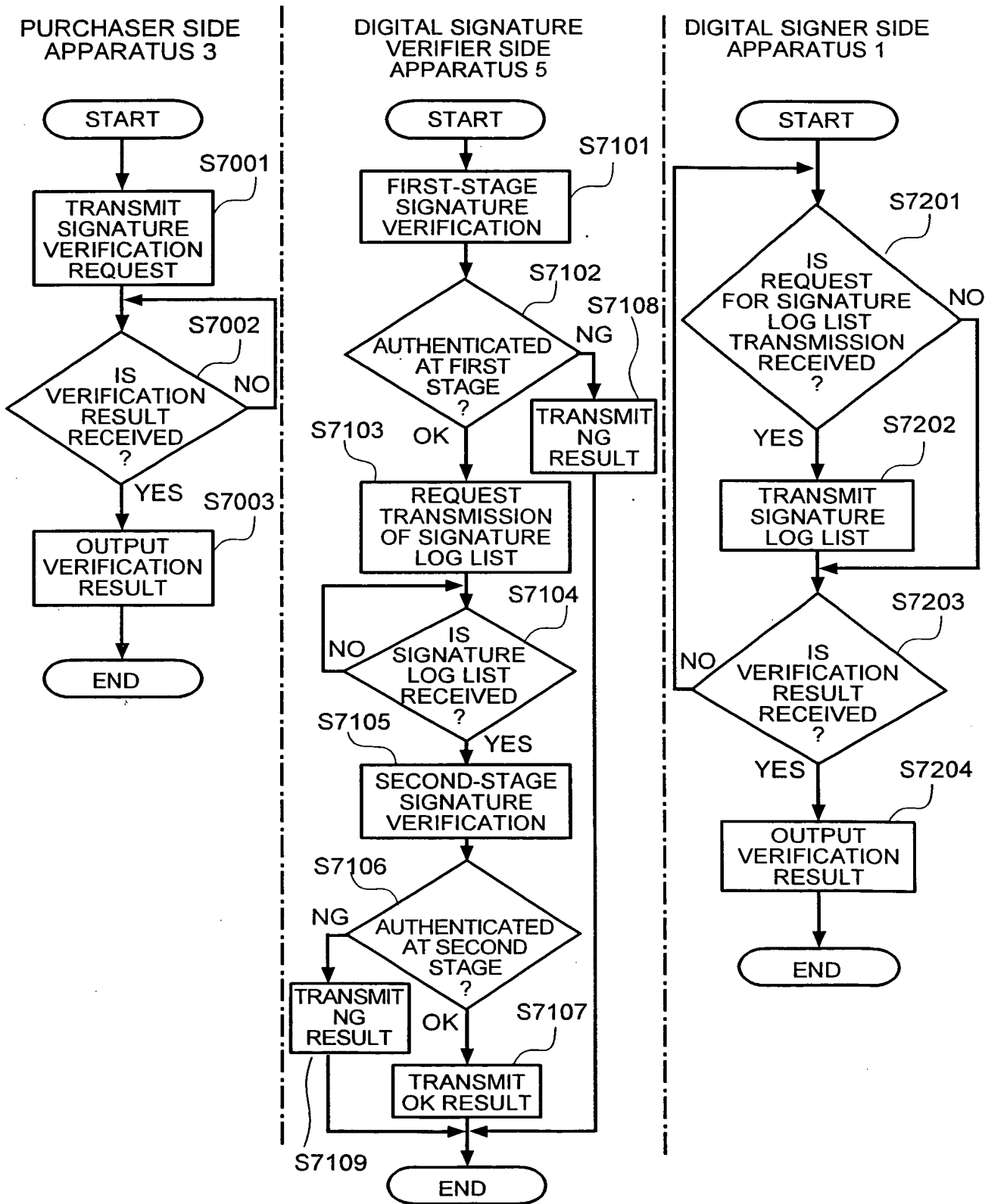


FIG.6

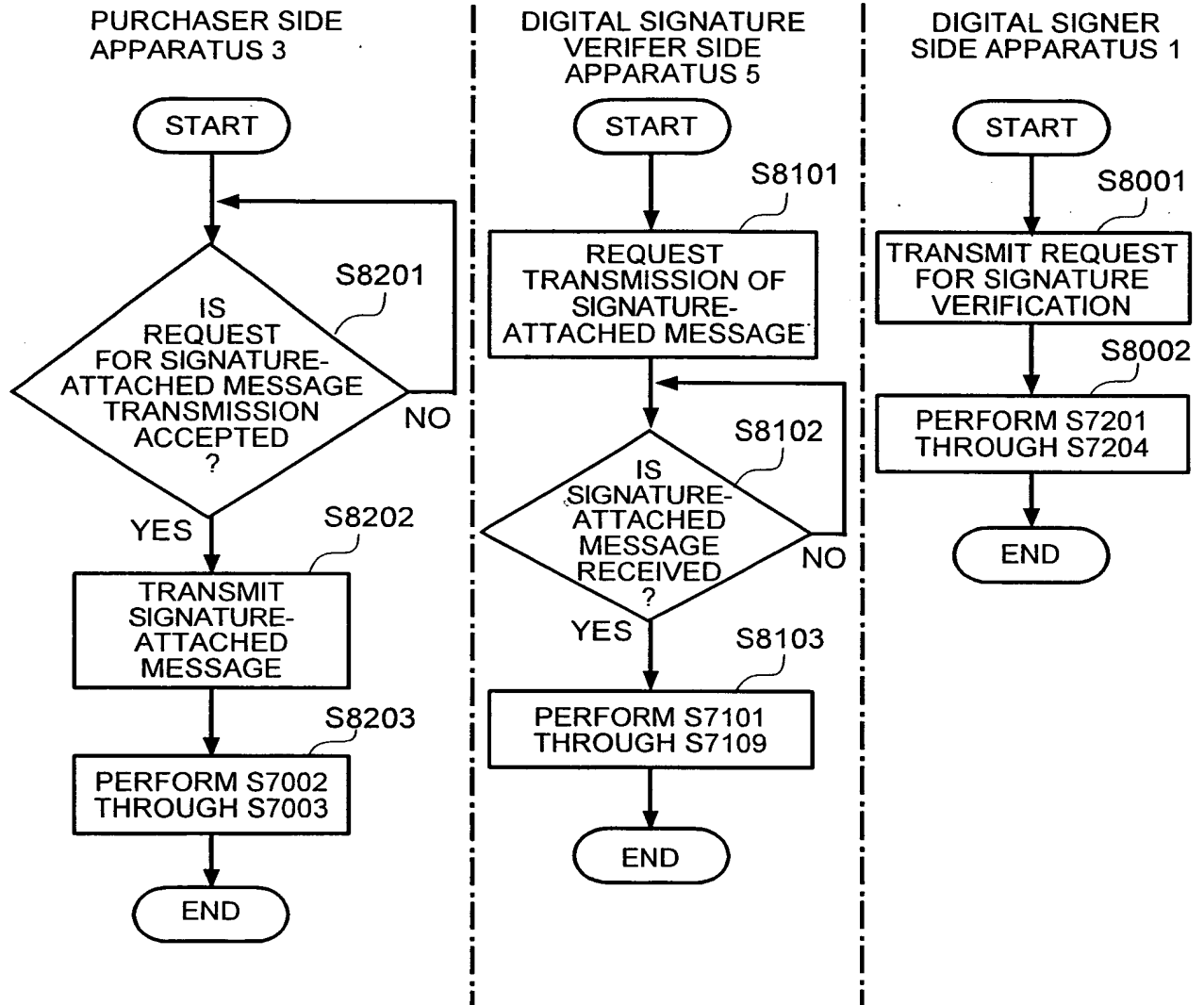


FIG.7

SIGNATURE LOG TABLE 2234

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PREVIOUS DATA P_{N-1} ($h(M_{N-1})$, $Sign_{N-1}$)	HASH VALUE $h(M_N)$ OF MESSAGE M_N	SIGNATURE $Sign_N$ TO (PREVIOUS DATA P_{N-1} , MESSAGE M_N)	PURCHASER NAME
PREVIOUS DATA P_{N-2} ($h(M_{N-2})$, $Sign_{N-2}$)	HASH VALUE $h(M_{N-1})$ OF MESSAGE M_{N-1}	SIGNATURE $Sign_{N-1}$ TO (PREVIOUS DATA P_{N-2} , MESSAGE M_{N-1})	PURCHASER NAME

PREVIOUS DATA P_1 ($h(M_1)$, $Sign_1$)	HASH VALUE $h(M_2)$ OF MESSAGE M_2	SIGNATURE $Sign_2$ TO (PREVIOUS DATA P_1 , MESSAGE M_2)	PURCHASER NAME
INITIAL VALUE IV	HASH VALUE $h(M_1)$ OF MESSAGE M_1	SIGNATURE $Sign_1$ TO (INITIAL VALUE IV, MESSAGE M_1)	PURCHASER NAME



FIG.8

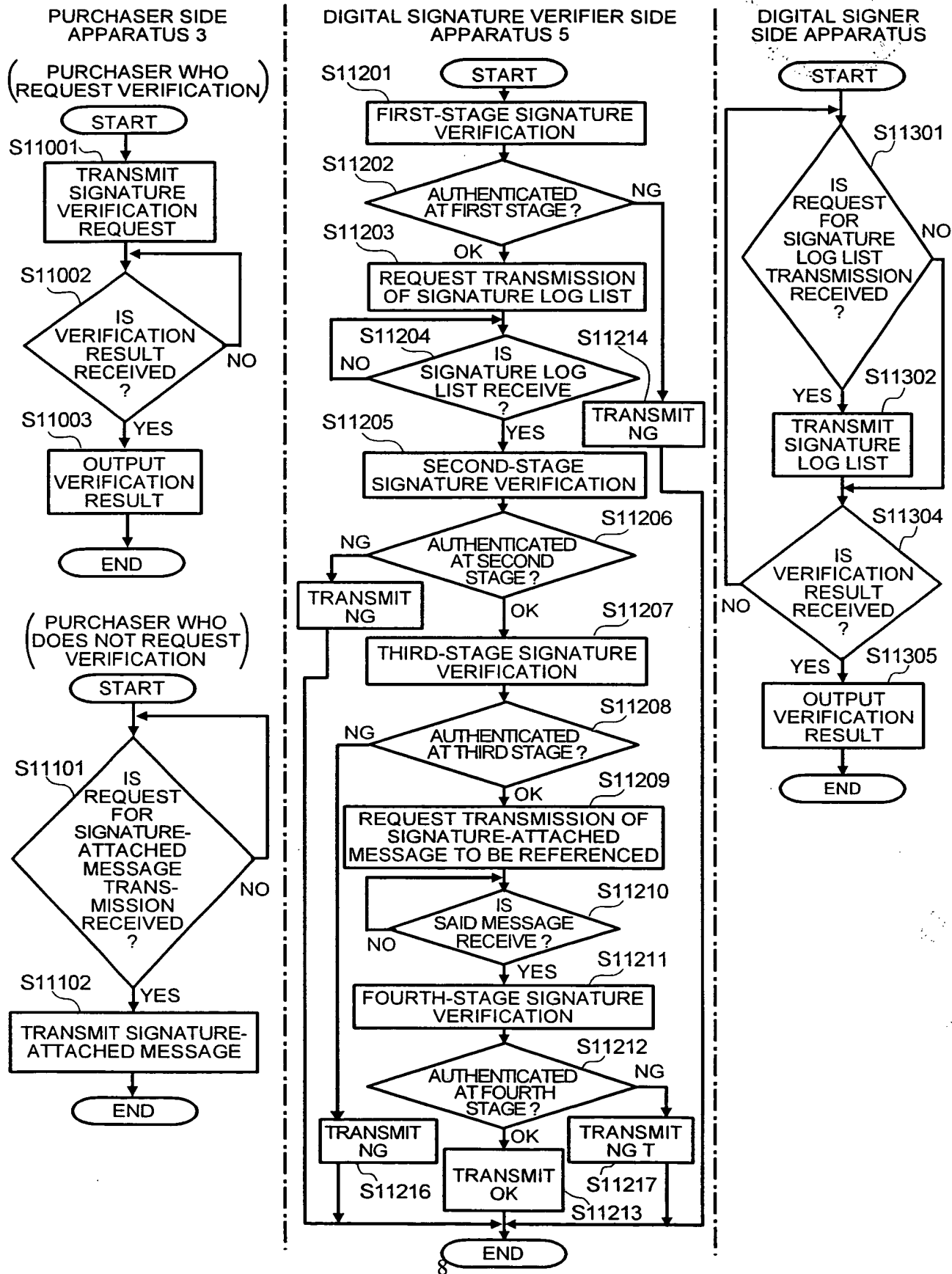


FIG.9

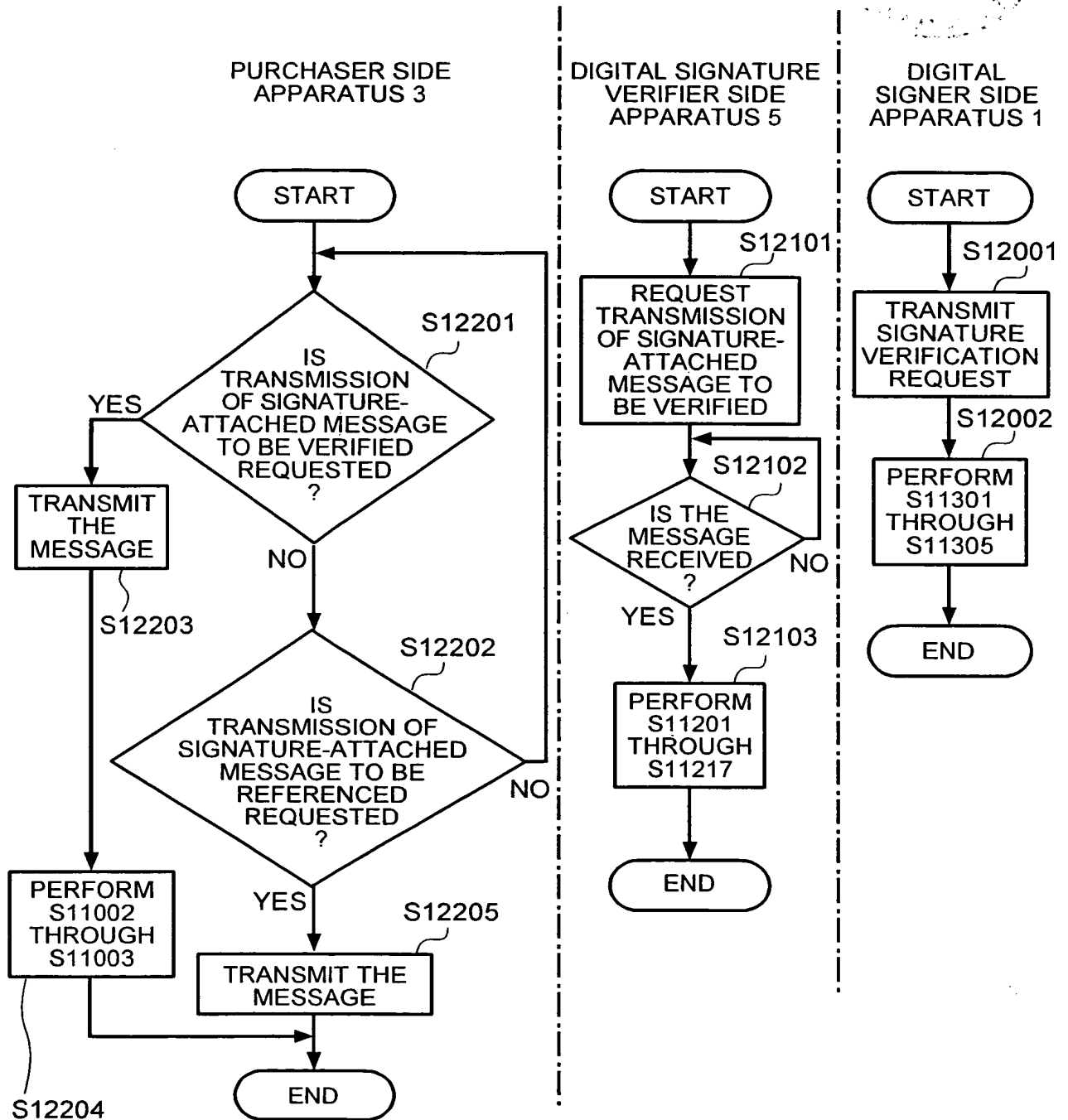


FIG.10

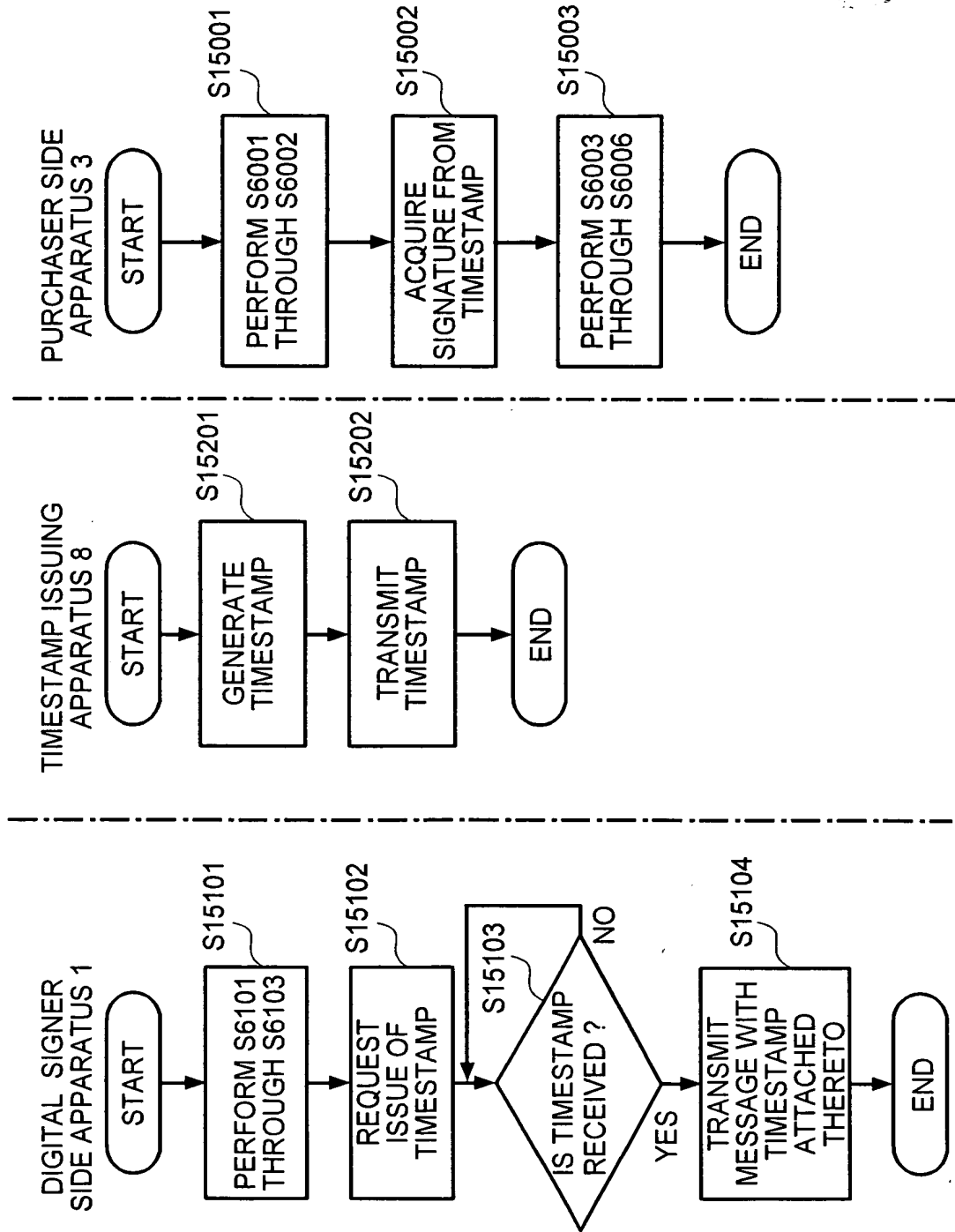


FIG.11

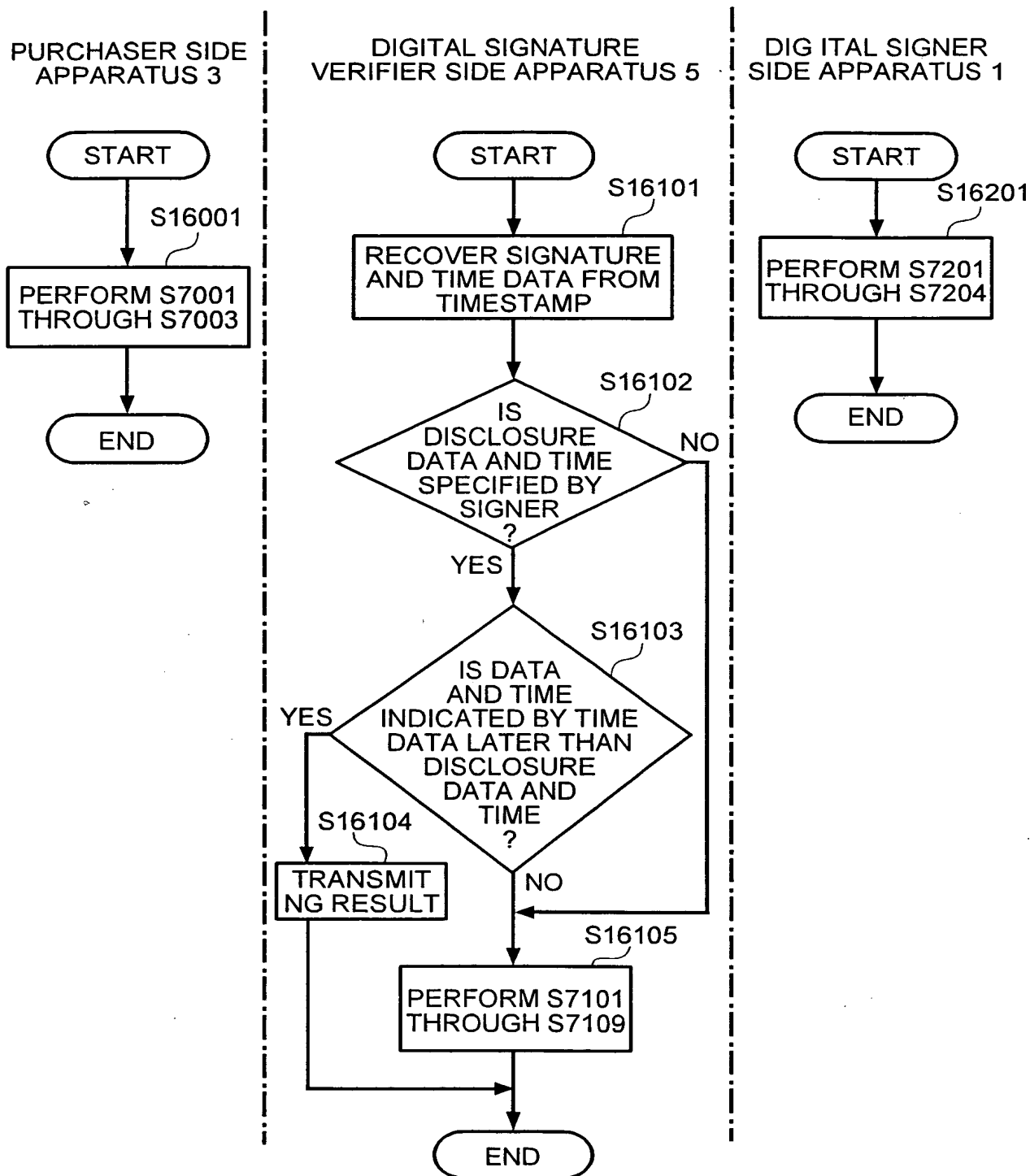


FIG.12



SIGNATURE LOG TABLE 2234

HASH VALUE OF MESSAGE N	SIGNATURE TO MESSAGE N	PURCHASER NAME	TIMESTAMP
HASH VALUE OF MESSAGE N-1	SIGNATURE TO MESSAGE N-1	PURCHASER NAME	NO ENTRY
⋮			
HASH VALUE OF MESSAGE N-m	SIGNATURE TO MESSAGE N-m	PURCHASER NAME	TIMESTAMP
HASH VALUE OF MESSAGE N-m-1	SIGNATURE TO MESSAGE N-m	PURCHASER NAME	NO ENTRY
⋮			
HASH VALUE OF MESSAGE 2	SIGNATURE TO MESSAGE 2	PURCHASER NAME	NO ENTRY
HASH VALUE OF MESSAGE 1	SIGNATURE TO MESSAGE 1	PURCHASER NAME	TIMESTAMP